

REMARKS

Formal drawings are enclosed herewith in response to the Examiner's requirement that corrected drawing sheets be filed. Entry of the drawings is respectfully requested.

Applicants have amended the specification and claims to comply with the various objections to the Specification and Claims under 35 U.S.C. § 112, second paragraph. Specifically, the acronyms on page 7 and the table on page 9 have been corrected, as has reference to Fig. 3, also on page 7. Enclosed are replacement sheets for pages 7 and 9. Entry of these replacement sheets is earnestly solicited.

Claims 1, 7 and 14 have been amended in accordance with the Examiner's objections to the claims. Specifically, the preamble has been amended by canceling the reference to aircraft engines. Claim 7 has been amended to correct the typographical error. Claims 1, 7 and 13 have been amended to replace "the actual values" with —obtained sensor values—. Claims 1, 7 and 13 have also been amended to change "the fault residual" to —a fault residual—, thus introducing the limitation and obviating the antecedent basis objection. Finally, claims 1, 7 and 13 have been amended to clarify which fault residual is selected. Entry of the amendments and allowance of the claims is respectfully urged.

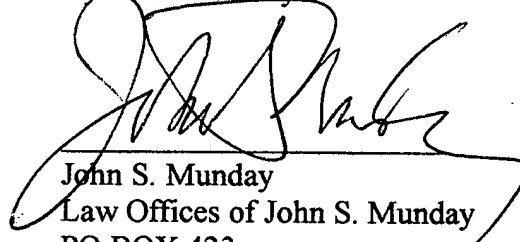
If the Examiner considers this application ready for conclusion other than by allowance, he is respectfully requested to call Applicants' attorney at the number listed below.

DATE:

28 November 05

Respectfully submitted,
Mohamad Hanif y Vhora et al.

By their Attorney



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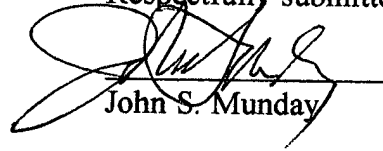
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CERTIFICATE OF MAILING

I hereby certify that the attached correspondence is being deposited with the United States Postal Service and First Class Mail in an envelope addressed to: Mail Stop amendment w/o fee, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

DATE: 11/28/05

Respectfully submitted,


John S. Munday